Bul. Ştiinţ. Univ. Baia Mare, Ser. B, Matematică-Informatică, Vol. XV(1999), Nr. 1-2, 61 - 66

Dedicated to Professor Ion PAVALOIU on his 60th anniversary

THE RELATIVIST EXPRESSION OF THE ACCELERATION PRODUCED BY A CENTRAL SPHERICAL SYMMETRIC BODY ON MATERIAL POINT ROTATING AROUND THAT

István Huba Atilla SASS

Abstract. In this paper is presented the introduction of the centrifugal acceleration into the relativist expression of the acceleration produced by a central body with spherical symmetry on a material point that rotates around Oz axis.